



THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

March 2007
Volume 73 Issue 3

HI-Q



VE3FW—LARC call sign
honours the memory of the
Founding President
P.J. "Pat" O'Shea

Inside this issue:

| | |
|-----------------------|----|
| Last Meeting Minutes | 2 |
| Financial Report | 3 |
| Guest Speaker | 3 |
| Antenna Season Horn | 4 |
| RAC Directors Report | 5 |
| Ham Classes | 6 |
| Annual Dinner Meeting | 7 |
| Amateur of the Year | 8 |
| CW Still Alive | 9 |
| On the Web | 11 |
| Editors QSK... | 11 |
| Public Service | 12 |
| Club Information | 12 |
| Membership Form | 13 |

- Next Meeting
Thursday
March 8, 2007
at the McIntyre Building,
Confederation College
Room 191 at 7:30 pm
- Check out Northern Ontario Swap Net for buying and selling equipment !
- Check into the LARC
2 Meter ARES Net on YQT
every Tuesday evening at
7:00 pm local time

I would like to thank the members and guests who attended the annual Lakehead Amateur Radio club dinner meeting. We had a great dinner and our guest speaker Derrik Patola gave an interesting talk and showed pictures taken on his 23 days of rock climbing in Southern Greenland.

I would also like to thank the members who helped me sell tickets and a special thank you to Leo VE3ATC for finding the multimedia projector.

There were a number of door prizes that were won by members and guests.

Door Prizes were donated by the following businesses:

The PROSPECTOR STEAK HOUSE
The PORT ARTHUR BRASSERIE and BREW PUB
KELSEY'S and MONTANA'S COOK HOUSE
KEG STEAKHOUSE
BOSTON PIZZA
TRAVELODGE AIRLANE HOTEL

PLEASE SUPPORT THE RESTAURANTS LISTED ABOVE.

Every year they are very kind to us by giving us donations

Bob Hansen VE3RVA
Vice President-LARC

VE3TBR UPDATE

Terry VA3LU reports the latest update on Club Repeater VE3TBR

The repeater for VE3TBR has been updated and is in the final testing and setup stages.
It should be back the air **within a few weeks**.

NOTE THESE VHF FREQUENCY CHANGES for TBR

Frequency change from 146.820 / 146.220 to 145.490 /144.890

When re-programming your radio, put a 100 Hz tone on for future use, as this will be enabled if needed!

The UHF frequency for TBR is the same 442.075 (+5 Mhz)

LARC OPEN ACCESS REPEATERS

| | | |
|--------|----------------|---|
| VE3YQT | Mount Baldy | 147.060 (-600) Phone Patch |
| VE3TBR | St. Joseph's | 145.490 (-600) NEW 442.075 (+5 MHz) 144.390 APRS NEW |
| VE3BGA | Hillcrest H.S. | 145.450 (-600) (IRLP Node VA3LU 123.0 Hz) 442.825 (+5 MHz) (100.0 Hz) |
| VE3UPP | Upsala | 145.470 (-600) |



LARC ANNUAL DINNER MEETING MINUTES

February 17, 2007

Judy VA3EAP, Secretary



The LARC annual dinner meeting was held at the Slovak Legion on February 17, 2007. A delicious buffet dinner was served and enjoyed by members and guests, followed by a short business meeting, guest speaker and prizes.

Minutes of meeting February 17, 2007

Meeting called to order by President **VA3LU** Terry.

Minutes of January 11th meeting as posted in Hi-Q - motion to accept Glen **VE3ICY**, seconded by Leo, **VE3ATC** - motion carried.

Financial Report as posted in Hi-Q - motion to accept Joe **VE3TBX**, seconded by Wayne **VA3WRL** - motion carried.

Committee Reports

TBR is off the air, the equipment was taken down.

Public Service, Norm **VE3XRC** reported that the Sibley Ski Tour will probably be held at Kamview due to lack of snow out at Sibley...operators in place.

Old Business - None

New Business

A cheque for \$250.00 was given to the club by Tom Bishop, from Kids of Steel.

The horn which belonged to Bill **VE3AJ** now has a new home - it was presented to Bill **VE3XT** - and it was traditionally blown by the new owner - good job Bill !!!

Terry **VA3LU** made a presentation to Leo **VE3ATC** for Amateur of the Year. Leo has done a tremendous job on HI-Q with graphics, pictures, articles, and interesting stuff and he has been our photographer at various locations while LARC is volunteering for Public Service Events. Thank you Leo for all you have done for the club (and will continue doing?)...

50/50 draw won by Terry **VA3LU**.

Motion to adjourn - Norm **VE3XRC**.

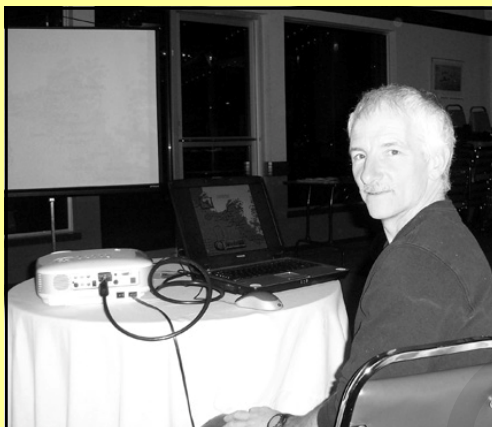
Our guest speaker for the evening was Derrick Patola. He traveled to the southern part of Greenland, camped out for 23 days with 2 traveling companions and did some pretty dangerous and awesome rock climbing. He showed us pictures of his adventures and related some stories of his 23 days. It was a very interesting, beautiful, and inspiring presentation.

**Last Meeting
Guest Speaker**

We had a great presentation at our Annual Dinner Meeting on February 17th.

Derrick Patola gave an excellent descriptive and video show of his rock climbing excursion to Southern part of Greenland.

Thanks for a fantastic job Derek! We were well entertained (and informed) by your awesome photos and descriptive commentary!



Derrick with some of the climbing gear he uses



Joe VE3TBX

Lakehead Amateur Radio Club Treasurers Report

Opening Balance - February 2nd. 2007 **\$ 6,022.28**

Income

| | |
|-----------------------|-----------|
| Memberships | \$ 70.00 |
| Interest | \$ 0.05 |
| 50/50 Draw | \$ 12.00 |
| Kids of Steel | \$ 250.00 |
| Annual Dinner Tickets | \$ 363.00 |
| Students | \$ - |

Total Income **\$ 695.05**

Expenses

| | |
|-------------------------------|-----------|
| Thunder Bay Telephone | \$ 45.75 |
| Bank Service Fee | \$ 0.50 |
| Equipment Maintenance | \$ 6.50 |
| UPS Store = mailbox | \$ 132.45 |
| Slovak Legion - Annual Dinner | \$ 669.55 |
| Projector for Annual Dinner | \$ 60.00 |
| LARC - Webpage | \$ 120.74 |

Total Expenses **\$ 1,035.49**

Closing Balance - March 2nd, 2007 **\$ 5,681.84**

**Joe Coghlan - VE3TBX
Treasurer**



Musings on the Antenna Season Horn and other Issues

by Bill, VE3XT



At the last dinner meeting I was entrusted with the Antenna Season Horn. Bill, VE3AJ used to use it to signal the beginning and end of antenna season. Of course we all know antenna season here in Thunder Bay starts in November and ends some time before the end of March. Anyone can put up an antenna in the summer months but it takes a Northerner to do it right in January.

But, it also got me to thinking about some of the other "treasures" we have had over the years in the LARC. Many clubs have this kind of history. I am sure some of you are aware that the ARRL has a few historical items as well. The most famous being the "Wouff Hong". This is a wooden device that has been around for many years. Its original application was to "convince" operators who did not follow good CW operating procedures to mend their ways. The nearest modern equivalent would be a 2 x 4 with a nail in it.

Well, after 75 years the LARC also has its share of treasures. Over the next little while I would like to share some of my recollections of some of them with you.

Probably the most famous of the LARC objects was the Brass Door Knob. This was a life size hand made out of steel. All the fingers were in a fist except the

index finger. You know the sign. Attached to the outstretched index finger was a Brass Door Knob. It was mounted in a resin base and then it was mounted on a nicely finished piece of wood. As I recall it was painted a golden colour and actually looked quite nice. Phil, VE3AXL made it in the mid to late 1970's.

It was awarded at the dinner meeting to the Ham who managed to time out the repeater most often. It was sometimes called the "Grip to Talk" award.

One of its more notable winners, several years running was Arnold Chambers, VE3JAA who has been a silent key for many years now. Arnold loved to talk and quite often 3 minutes was just not enough.

I was wondering if you would consider looking through your stuff and maybe we can find the Brass Door Knob and start to award it again. If you have a picture of it I would also love to have a copy. Δ

Thanks,

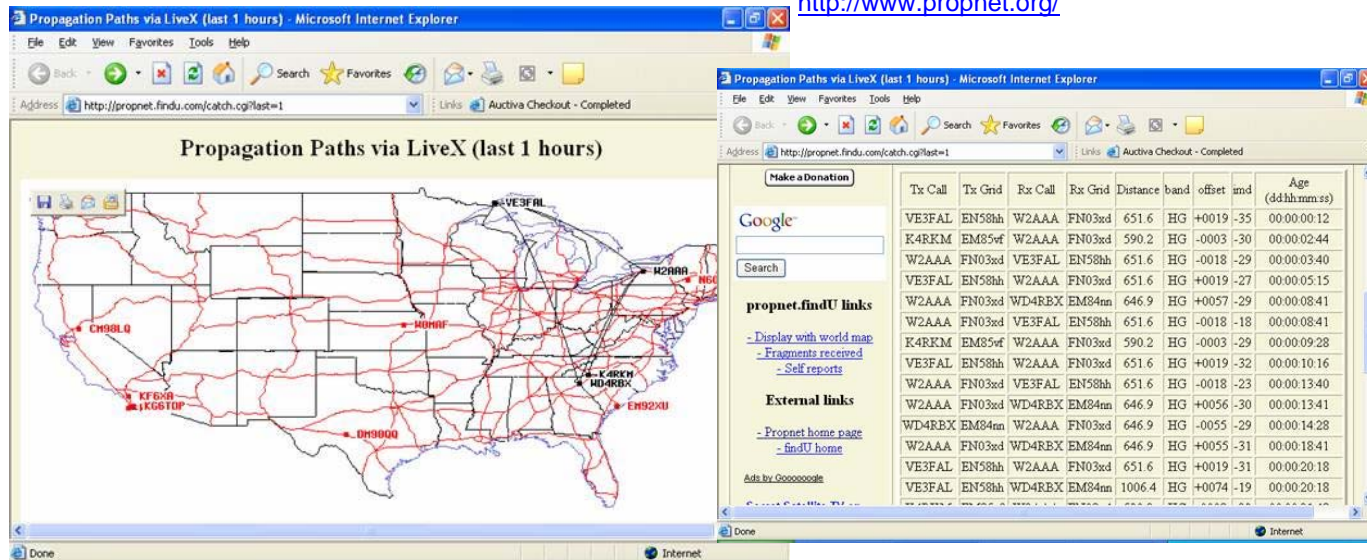
Bill VE3XT

PropNet

tnx to Fred VE3FAL

If you want to experiment with propagation download the PropNet program, and fire up that rig at low level powers on 10.139.5 USB and enjoy some of the PropNet stuff out there, neat to see the paths as the day goes on.

<http://www.propnet.org/>





RAC Director's Report



1 February 2007

by **Dave Goodwin VE3AAQ**

Director, Ontario North/East, Radio Amateurs of Canada

As of 1 January, I am now your representative on the Board of Directors of RAC.

This is the first of what I intend to be monthly reports to Amateur Radio Clubs in Northern and Eastern Ontario. This will be one means by which I can keep RAC members informed of my activities on your behalf. Please consider this an invitation to contact me with your concerns and comments about RAC and Amateur Radio.

Just before I assumed office, I spoke with Bill Unger VE3XT of Thunder Bay.

Bill graciously agreed to serve as an Assistant Director. Bill is well-known and well-regarded, especially among Amateurs in Northern and North-western Ontario, and brings innumerable strengths and experience to RAC.

On 16 January, I participated in the monthly RAC Board meeting by telephone conference call.

The single most important matter that came up was a report from a committee led by RAC Mid- West Director Bj Madsen VE5FX recommending a significant restructuring of Amateur Radio licensing in Canada. The key recommendation was to create a new Foundation Licence as an entryway into Amateur Radio. Many of you may have worked stations in the UK signing M3, MM3, MW3 or MI3 call signs. These are new Amateurs licenced under a process that became a model for the committee's recommendation. The full details of this proposal should appear on the RAC website in February.

I agree with the proposal, although my mind is still open to other opinions.

The key things I find attractive are:

- there is a clear requirement for any new Amateur to have a mentor, someone who will help guide the new ham's first steps in Amateur Radio
- a practical test will require the prospective Amateur to actually demonstrate the basics of connecting up equipment and antennas
- just to take the exam, a prospective Amateur must have made a certain minimum number of contacts on both HF and VHF+ made under the guidance of a licensed Amateur
- licences expire with no renewals after three years. To upgrade to a higher, permanent class of licence, a Foundation licensee must produce a log showing at least 250 contacts
- getting an Amateur licence will require an investment of time and energy not only by the new Amateur, but by established Amateurs as well.

The RAC Board have asked that committee for recommendations on its implementation. The Board have not yet officially adopted the report as RAC policy, and we have not yet recommended it to Industry Canada. There's still plenty of time for you to comment, and I want to hear from you.

RAC HF Band Planning Committee

Sadly, this committee went very quiet at a critical time: our former committee chair simply failed to communicate with the members over a prolonged period. Consequently, when the major changes in US sub-band allocations on 80, 40 and 15 metres, RAC was caught flat-footed. The committee has been re-ignited by our new chair, Bob Nash VE3KZ of Milton ON.

Bob is supported by a group of dedicated HF operators from coast to coast, including Ontario representative John Connor VE3TG of Ottawa. You can contact either Bob or John with your suggestions or concerns using their @rac.ca or callbook addresses.

The matter of interference to Canadian 80m SSB nets was raised by RAC President Earle Smith VE6NM, who was a guest at the ARRL's annual board meeting in January. There have been clear cases of deliberate interference to some Canadian nets by a very few US Amateurs. RAC anticipates ARRL will take effective action on these matters very shortly.

I'd like to remind one and all that no net has any contracted right to any particular frequency at any particular time. The first person on any particular frequency at any particular moment is the only one with any priority. If a traditional net frequency is occupied by someone else at net time, you may ask the occupant to move, but if they decline, it is responsibility of the net controller to find another frequency for that session of the net. Politeness and courtesy works both ways.

RAC Staff Changes

In November, RAC lost one of our greatest strengths. Debbie Norman VA3RGM, RAC's long-serving General Manager, passed away from cancer. Debbie's corporate knowledge can never be replaced. Amateur Radio, and RAC in particular, were extremely fortunate to have such a skilled, agreeable person handling the business side of keeping RAC going.

We are also losing the services of Guy Charron VA3FZA, who has retired to pursue his many other interests. Guy was a long-time volunteer at RAC HQ, then a part-time employee, and latterly worked virtually full-time at the RAC office over the last several months. He has been a tremendous source of strength.

Continued next page



Ham Classes Underway, 2007



Bill, VE3XT has the 2007 Amateur Radio Class well underway !

We are looking forward to welcoming several new members into the Amateur Radio fraternity soon!



RAC Directors Report—continued

We have a new Treasurer: Dave Parks VE3AV of Ottawa, a former RAC Assistant Director, has taken on this critical volunteer job at a key moment in our transition. It takes money and good money management skills to keep an organisation like RAC working, and Dave bring a great deal of relevant professional experience to the task.

For now, the RAC office has some temporary assistance and the RAC Executive is working hard to come up with new ways to operate our Headquarters. We will always depend on volunteers for many things, but permanent, well-trained, professional staff are key to RAC's future success.

On the volunteer front, RAC is looking to fill a new executive position:

Vice-President Public

Relations (VPPR).

Appeal for new members

If you are a RAC member, thank you so much. Your membership fees do a great deal to sustain RAC in its critical ongoing mission to protect, defend and expand Amateur Radio. You also support RAC in providing services to Amateurs across Canada, such as advocacy with Industry Canada, bi-monthly issues of TCA Magazine and the QSL Bureau system, to name but a few.

If you are not a RAC member, please join. We need your help. I have been a ham for over thirty years, since I was a teenager, and I intend to keep at it at least as long.

I see RAC membership as the best insurance that I can continue to enjoy my hobby forever more. I think \$52.95, including GST, it is a bargain to get a TCA subscription, all those essential RAC membership services and a long-term future for this great hobby.

In this region

I will try to get out to several clubs in our region as I can, but realistically, I'm probably not to get much beyond the Ottawa-Kingston area, due to costs and real-life commitments (I'm still a wage slave, you see). But I do want to hear from you, both members and non-members of RAC.

Please contact me by phone, mail or e-mail.

73,

Dave Goodwin VE3AAQ

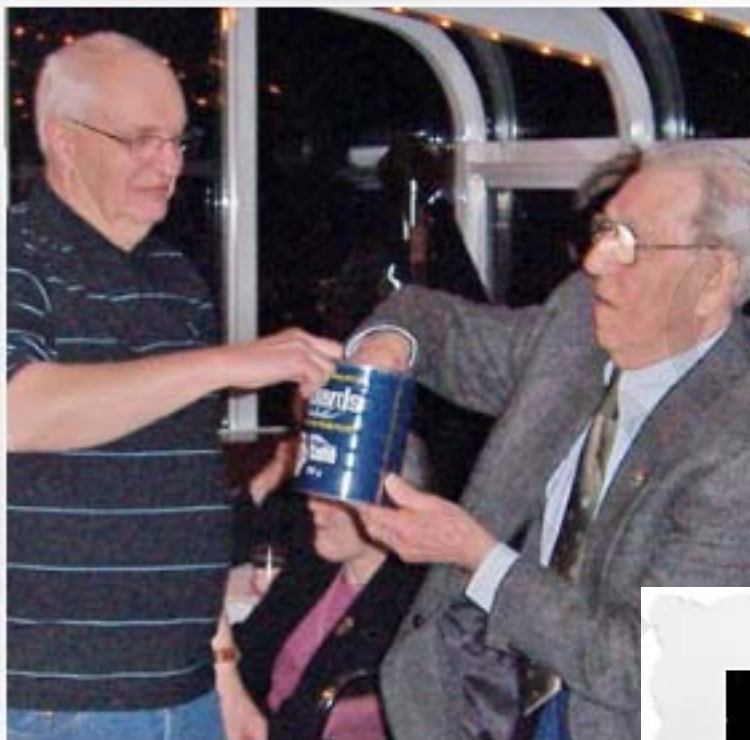
PO Box 27084

Ottawa ON K1J 9L9

VE3AAQ@rac.ca



Annual Meeting February 17, 2007



Senator Keith Fiske, VE3JQ pulls the 50-50 draw winning number from the container held by Vice Pres Bob, VE3RVA



The mysterious disappearance of the 'Antenna Season Horn' has ended! Vice Pres Bob, VE3RVA presents the newly rediscovered horn to Pres Terry VA3LU (Bob found it amongst his stack of goodies put away last year!)



Director Bill, VE3XT gives the horn a mighty blast to celebrate its return!

Photos by VE3ATC



Annual Meeting February 17, 2007 Amateur of the Year



Club President Terry, VA3LU, presented Leo, VE3ATC (right), with the Amateur of the Year Award.

The Award is presented Annually at the Annual Dinner Meeting.

Photo by Carol, VE3ATC's better half



A cheque for \$250.00 was given to the club by Tom Bishop, from Kids of Steel

Presenting the cheque is President Terry VA3LU, Secretary Judy VA3EAP, and Vice President Bob VE3RVA

Photo by VE3ATC

Thanks to Wayne, VA3WRL

Continued next page

| | | | | | |
|------|---------------------------|------|-------------------------|-----|-----------|
| AB | about | FT | for the | QK | quick |
| ABV | above | | | | |
| ADZ | advise | G | from the | S | send |
| AF | after | GD | good | SAF | soon as |
| AG | again | GG | going | | feasible |
| AJ | adjust | GTG | getting | SAP | soon as |
| ANR | another | GV | give | | possible |
| AR | answer | GM | gentleman | SD | should |
| AX | ask | | | SED | said |
| AY | any | H | has | SES | says |
| AYG | anything | HD | had | SM | some |
| AYM | any more | HM | him | SMG | something |
| | | HR | here, hear | SM | somewhere |
| B | be | HS | his | SN | soon |
| BC | because | HV | have | SNC | since |
| BD | board | HW | how | SPL | special |
| BF | before | | | STN | station |
| BH | both | ICW | in connec- tion with | SVL | several |
| BK | break | IM | immediately | T | the |
| BN | been | INVG | investigate | TGH | telegraph |
| BTN | between | IX | it is | TGR | together |
| BTR | better | | | TI | time |
| | | KW | know | TK | take |
| C | see | | | TM | them |
| CCN | conclusion | LV | leave | TNK | think |
| CD | could | | | TRU | through |
| CK | check | M | more | TS | this |
| CKT | circuit | MK | make | TT | that |
| CL | call | MSG | missing | TTT | that the |
| CLO | close | MSJ | message | TW | tomorrow |
| CLR | clear | MSR | measure | TY | they |
| CMB | combine | | | | |
| CNG | change | N | not | U | you |
| CT | connect | NA | name | UN | until |
| CU | current | NF | notify | UR | your |
| CY | copy | NI | night | VY | very |
| | | NR | near | | |
| D | in the | NTG | nothing | W | with |
| DD | did | NUM | number | WD | would |
| DT | do not | NV | never | WG | wrong |
| DUX | duplex | NW | now | WH | which |
| | | NX | next | WI | will |
| EMGY | emer- gency | | | WIN | within |
| EQ | equip | OD | order | WIT | witness |
| EQPT | equipment | OFS | office | WK | week |
| | | OP | operate | WN | when |
| F | of the | OTR | other | WO | who |
| FD | find | OV | over | WR | were |
| FJ | found | | | WS | was |
| FM | from | PGH | paragraph | WT | what |
| FR | for | PLS | please | WY | why |
| FYI | for your infor- mation | Q | on the | YA | yesterday |



CW STILL ALIVE !

Thanks to Wayne, VA3WRL

Continued ...

*A FEW USEFUL Z- SIGNALS *

The Z-signals were developed and used for a time by some commercial operators. A few of them which might be useful to amateurs are:-

*ZCG local receiving conditions good

ZCP local receiving conditions poor

ZLS we are suffering from a lightning storm

ZSH static is heavy here *

*ZOK we are receiving OK

ZSR your sigs strong readable

ZGS your signals are getting stronger

ZWR your sigs weak but readable

ZFS your signals are fading slightly

ZVS signals varying in intensity

ZFB your signals are fading badly

ZGW your signals are getting weaker

ZSU your sigs are unreadable

ZAN we can receive absolutely nothing

ZUB we are unable to break you *

*ZVF your signals are varying in frequency

ZDH your dits are too heavy(long), please

adjust ZDL your dits are too light(short),

please adjust

ZMO stand by a moment

ZMQ stand by for...

ZLB give long breaks

ZWO send words once

ZWT send words twice

ZSF send faster

ZSS send slower

ZTH send by hand

ZCS cease sending

ZAP acknowledge please *

*ZHC how are your receiving conditions?

ZRO are you receiving OK? *

*You will notice that these signals are much easier to remember than the Q-signals. The two letters following Z- are suggestive. (QST 1943 No p.63)Δ

Seems like the NSA recognizes a need for those who can copy the International Morse code proficiently!

<http://www.nsa.gov/kids/games/gameMorse.htm>

Here's a link to put on the club web site so the old timers can translate HI-Q to a more comfortable format...hihi

<http://www.omnicron.com/~ford/java/NMorse.html>

Tnx to Andy VE3INI & Terry VA3LU

Modified Amateur Equipment is Not Legal

There have been several seizures of equipment recently in BC. Spectrum Management Officers in the Interior seized amateur radios that had land mobile channels illegally installed. The people in possession of these radios were not authorized to possess the equipment even if the radios had not been modified.

A modified amateur radio was also seized at a commercial vehicle road check carried out in the Lower Mainland in cooperation with other federal and provincial agencies. The radio was found in an illegally modified state and was programmed to operate on unauthorized frequencies. An application for forfeiture of this radio was made to the Federal Prosecution branch and was successful. The radio has now been forfeited to the Crown.

Road Checks Lead to Forfeited Radios

The most common discrepancies found are:

Installation of illegal frequencies, such as RCMP channels.

Amateur radios illegally modified to hold land mobile frequencies.

Amateur radios in the possession of people who are not certified to operate them.

A 500 watt amplifier installed on a CB radio.

Front programmable radios.

In addition to tickets issued under the Federal Contraventions Act, some radio users were issued warning tickets and given a short time to correct their discrepancies. Some equipment was surrendered voluntarily and other radios were seized by Spectrum Management Officers. One order for forfeiture of seized radio equipment has been granted. Several court cases are pending as a result of these road checks.

Tnx to Dave VE3JX., Fred VE3FAL

More information,
on RAC site:
[Buying and Using a Radio](#)

Editors QSK...

Hi

The winter temperatures along with the wind has kept me close to the home QTH and in the radio/computer room.

I would imagine this is the same with a lot of members who have taken this opportunity to work on ham stuff either operating, building, or just enjoying their hobby!

I think no one was more surprised than me at LARC's Annual Dinner Meeting when Terry started his spiel when opening his bag of goodies...and called me up for 'Amateur of the Year' Award!! I damn near dropped my camera that I was holding in preparation for photographing Terry's presentation!

Ok, at a loss for words, I accepted graciously. Thanks to all who considered me for the honour! There are a lot of members who are working hard to benefit the club, and I am proud to be thought of as one of them!

Terry, VA3LU has informed me that the new repeater for TBR is almost ready. Beside the frequency change mentioned on the front page, he will try operation with the VHF and UHF repeaters linked to one another so you can call on the VHF frequency and be heard on the UHF frequency and vice versa!

Before I forget, if you have a scanner and software to scan copies of HI-Q to .pdf files and or photos (lots of them) to .jpg files, please contact me. This is for the ongoing LARC History Project. We have a lot of them to do, and any help you can give will be welcome!

Thanks again for all the contributors to this months HI-Q! Your input is important and appreciated!

...—

73, Leo VE3ATC
email: ve3atc@spruce.ca

Ps. Not a writer and have a story or pictures? Contact me and I will help get it out!

ON THE WEB

thanks to
John,
VE3EMI



432 AND ABOVE EME NEWS
<http://www.nitehawk.com/rasmit/NLD/eme0612.pdf>

EME Audio Examples
<http://www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=11850>
Antenna Project
http://www.wc8voa.com/modules.php?set_albumName=album29&op=modload&name=gallery&file=index&include=view_album.php

Northern Ontario Swap Net

<http://my.tbaytel.net/ve3pdpat/nontsale.htm>

Or use link on
Larclub.net

LARC ARES 2 Meter Net



Every Tuesday
at
7:00 pm
On YQT !!

See
You
At
The
Meeting!!

Next regular meeting

Thursday
March 8, 2007

McIntyre Building, Confederation
College
Room 191

7:30 pm

A BIT OF WIT

tnx to Wayne VA3WRL

The Indian chief introduced his wife to a newspaper reporter.

The reporter asked her name.

The chief replied, "Three Horse."

"That's a picturesque name," said the reporter. "Does it have a deep symbolism?"

"Yes," the chief replied. "Nag, nag, nag!"

THE LAKEHEAD AMATEUR RADIO CLUB JOURNAL

LARC—Suite 184
1100C Memorial Ave.
Thunder Bay, Ontario
Canada P7B 4A3

Club E-mail: VE3FW@rac.ca

LARC Website
<http://www.larclub.net>

Hi-Q Editor and Publisher
E-mail: ve3atc@spruce.ca
Leo VE3ATC 939-1020

Hi-Q is published monthly on the Sunday preceding the monthly meeting. Monthly meetings are held on the second Thursday of each month, except for July and August. Your submissions are welcome at any time. Submit early to ensure publication in next issue! Send to editor at ve3atc@spruce.ca



LARC is a member of [RAC](#)

LARC PUBLIC SERVICES

ARES

District Emergency Coordinator
VE3FAL Fred Lesnick 577-0789

Emergency Coordinator
VA3OJ Randy Gottfred 474-0910

CANWARN

VA3JMS John 767-3631
VE3MXJ Brad 767-0628

Public Service Events

VE3MXJ Brad 767-0628
VA3JMS John 767-3631

Amateur Radio Accredited Examiner

VE3FAL Fred Lesnick 577-0789
flesnick@tbaytel.net

RAC

[Radio Amateurs of Canada](#)

LARC SENATE

| | |
|------------------|--------|
| Keith Fiske | VE3JQ |
| Pat Doherty | VE3PD |
| Dave Kimpton | VE3AVS |
| Laurie Bridgett | VE3BCD |
| Terry Stewardson | VA3LU |
| Ed Baumann | VE3SNW |

LARC EXECUTIVE 2006—2007

President

Terry Stewardson VA3LU 577-9439

Vice-President

Bob Hansen VE3RVA 767-6924

Secretary

Judy Artist VA3EAP

Treasurer

Joe Coghlan VE3TBX 344-6566

Directors

Brad Harris VE3MXJ 767-0628

Randy Gottfred VA3OJ 474-0910

Mike Nawrocki VE3ZG 767-1714

Bill Unger VE3XT 344-1848

Past President

John Sacek VA3JMS 767-3631

About LARC

Lakehead Amateur Radio Club members have all levels of interest and knowledge in the wide spectrum of amateur radio.

Monthly meetings and contact with other members allow us to share and discuss different ideas, and to learn from each other.

LARC membership meetings are held the second Thursday of each month, September through June at 7:30 PM local time at the McIntyre Building, Confederation College Room 191

Each meeting consists of a mix of technical and light-hearted topics, with a break for meeting friends and new friends.

Anyone with an interest in ham radio is invited to join us.

Amateur radio classes are also administered by LARC to help you with your Amateur Radio License
contact any of the Executive members above for more information

**2006/2007 MEMBERSHIP/RENEWAL APPLICATION****LAKEHEAD AMATEUR RADIO CLUB INC****1100C MEMORIAL AVE, SUITE 184,
THUNDER BAY, ONT P7B4A3****CLASS OF MEMBERSHIP****FULL MEMBERSHIP \$35.00-open only to licensed amateurs****NAME:** _____ **EMAIL:** _____**ADDRESS:** _____ **CITY** _____**TELEPHONE:** () _____ **POSTAL CODE** _____**MAY WE PUBLISH THE PHONE NUMBER yes / no****MAY WE DELIVER HI-Q BY E-MAIL? yes / no****CALL(S)** _____**FAMILY MEMBERSHIP-** immediate family residing at the same address holding licenses.
\$35.00 plus \$10.00 for each additional amateur.**NAMES AND CALLS**_____

_____**STUDENT MEMBERSHIP-** \$15.00-open to persons enrolled full time in an education
facility, list School and program _____**ASSOCIATE MEMBERSHIP-** \$20.00-upon approval of the Board and open to:**1)Non holders of an amateur radio license.****2)Licensed amateurs living outside the immediate Thunder Bay area or are unable to attend regular meetings of the club.****If you feel you qualify for associate membership, please indicate why, on a separate sheet, to be used by the Board to consider your application.****Please mail or bring this form to the next meeting with your cash or cheque for membership fees.****Cheques should be made payable to Lakehead Amateur Radio Club.****Applications and cheques can also be dropped off at the above address.**